

Appendix I-2 TAHOE PROJECT PROPOSAL

Project Name: Tahoe Integrated Information Management System **EIP #:** 10154
(TIIMS)

Lead Agency: U.S. EPA

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Threshold: Across all Thresholds

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Threshold Standard:

Total Project Cost: \$808,000 total

Project Description:

TIIMS, a bi-state, multi-agency system, will provide access to key environmental data and information about the Lake Tahoe Region through the World Wide Web. Using the latest Internet technologies, TIIMS will be an online gateway to resources that will enable users to both access, identify, share, and contribute valuable environmental information and, to query, interpret, and map resources with a geographically distributed system of support tools. TIIMS will also provide data for California and Nevada statewide environmental data systems, which in turn are linked to EPA's environmental information systems.

Describe the purpose and need for the project:

TIIMS will meet a critical need identified by the public, research scientists and agencies for a means of accessing, exchanging, and analyzing environmental data and information to make sound environmental policy and management decisions. Full deployment of TIIMS is critical in order to meet the data management needs of the Lake Tahoe TMDL, Adaptive Management Framework and other efforts related to Pathway 2007. TIIMS will also provide coordinated information about Lake Tahoe environmental and restoration activities that is readily accessible by the public through the Internet.

Describe the goals and objective of the project:

TIIMS supports Lake Tahoe Basin planning and restoration by incorporating decision-making, communication, and public outreach tools and components into the system. These features will allow participating agencies to share and manage information more efficiently and cooperatively. Specifically, the system will: 1) create a virtual workspace to enable collaboration, coordination and communication among the TIIMS partnering agencies; 2) provide resource managers with access to the environmental data they need to make effective policy, planning, and management decisions; 3) provide tools (e.g., documentation and QA/QC, as well as analytical tools) to support the use of these data; and 4) convey information to the public and serve as a means to engage the public in conservation and restoration efforts.

Describe the anticipated project accomplishments:

This project will allow TRPA and its partners to fully develop and deploy TIIMS. TIIMS will provide an online one-stop-shopping center for a wide range of users looking for information about Lake Tahoe Basin environmental planning and restoration.

SNPLMA Project #: _____

(To be assigned by SNPLMA Administration)

Describe the “readiness” of this project to move forward:

The Tahoe Regional Planning Agency (TRPA) and its consultant, Scientific Applications International Corporation (SAIC) initiated construction of TIIMS in March 2001 with funding received from USEPA administered through the Nevada Division of Environmental Protection. The California Regional Water Quality Control Board and the U.S. Forest Service have also contributed additional resources to expand TIIMS functionality. The TIIMS prototype was completed in fall 2003. These resources are needed to fully develop and deploy TIIMS.

Describe partnerships for this project.

Funding partners include: TRPA, USGS, USDA Forest Service, Nevada Division of Environmental Protection and California Water Quality Control Board, Lahontan Region. Other project partners include: University of California, Davis, University of Nevada, Reno, Desert Research Institute, and the Lake Tahoe Environmental Education Coalition. The Pathway 2007 Executives have signed an agreement to work cooperatively to develop and use TIIMS as a means of supporting the Pathway 2007 planning process.